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omitted) 11 refs.
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DESCRIPTORS: *Wood pulps, *Pitch, Determination,
Separation, Flotation, *Paper industry, Chemical
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A. P. Reznik; C. Experience in Preparing Glove
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DESCRIPTORS: *Grasses, *Soils, *Salinity, Ecology,
Chlorides, Sulfates

The following scale of chloride-sulfate salinity of soils,
according to their effect on seed germination and on
the behavior of plants during the period of their devel-
opment is proposed: (1) Solonchak soil, containing in
the solid residue 1.5 to 2% of salts but no more;
solonets couch grass, couch grass (*Agropyron repens*)
and sloughgrass (*Beckmania*) can be grown; (2) highly
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Trans. of Joint Institute for Nuclear Research Dubna
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DESCRIPTORS: *Charged particles, *Ions, Oxygen,
Copper, Tantalum, Tungsten, Uranium, *Ion bombard-
ment, Nuclear reactions, *Radioactive decay, *Gamma
ray spectra.

Using the one-crystal spectrometer γ -quantum spectra
have been investigated by exposing Cu, Ta, W. and
U-targets to the O_{16} ions in the energy interval 80-140
MeV. The cascade emission of 20-30 soft γ -quanta per
each act of the compound nucleus formation is observed.
(Nuclear Physics--Nuclear Reactions, TT, v. 10, no. 6)
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DESCRIPTORS: *Glaciers, Geophysics, Theory.

Periodic glaciations of the Earth, in the ultimate
analysis, are produced by tectonic and not by climatic
factors, specifically by deep-seated ruptures, defor-
mations, imbalances resulting from abyssal volcanism
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JPRS 7071

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Order from ATS \$5.60 ATS-89N50R

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1960,
v. 134, no. 1, p. 59-61.

DESCRIPTORS: *Petroleum, *Water, *Rock, *Porous
materials.

(Earth Sciences--Geology, TT, v. 6, no. 1)

61-22368

- I. Title: Scrata
- I. Ogandzhanyants, V. G.
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61-14979

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ON WATER-PETROLEUM CONTACT STABILITY IN
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v. 134 [no. 1] p. 59-61.
Another translation is available from ATS \$5.60 as
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DESCRIPTORS: *Petroleum, *Water, *Rock.

The process of petroleum displacement by water from stratified porous rocks was investigated on transparent models of dilayer and trilayer strata. A leveling of surface form on water-petroleum contact occurs in stratified porous media, even at essential difference in layers permeability. The leveling occurs on account of water passage into a little permeable layer near displacement front. In its turn, a significant part of displaced phase passes from a less permeable layer into a more (Earth Sciences--Geology, IT, v. 6, no. 1, (over))

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